

REDACTED VERSION

PLM SOIL SAMPLE ANALYTICAL RESULTS  
OCT 22 - DEC 20, 1996



**Ecology & Environmental**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, October 22, 1996

Ref Number: TX962528


## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS % NONFIBROUS
WB101901GR	569 ✓	Brown Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Amosite < 1% Crocidolite		98% Other
WB101902GR	569 ✓	Brown Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Amosite < 1% Crocidolite		98% Other

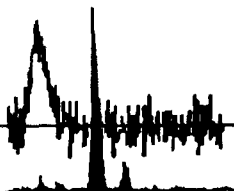
10/19

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers. PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



## CHAIN OF CUSTODY RECORD

[illegible]



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, October 23, 1996

Ref Number: TX962537

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		%	<u>NONASBESTOS</u>	
				%	TYPE		FIBROUS	% NONFIBROUS
90	457 ✓	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile Amosite			100% Other
91	457 ✓	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile Amosite			100% Other

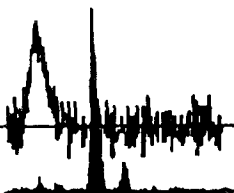
10/21

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas  
Analyst

Approved  
Signatory

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## CHAIN OF CUSTODY RECORD

REGION 6  
First International Bldg., 1201 Elm St.  
Dallas, Texas 75270

[illegible]

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

8-12168



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, October 25, 1996

Ref Number: TX962600

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS102301MA	# 314 10/23 ✓	Tan Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Amosite				98% Other
WBS102302MA	# 314 ✓	Tan Non-Fibrous Homogeneous	Teased	10% Chrysotile < 1% Amosite				90% Other
WBS102303MA	# 314 ✓	Tan Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Amosite				98% Other
WBS102304MA	# 314 ✓	Tan Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Amosite				98% Other
WBS102305MA	# 572 ✓	Tan Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Amosite				98% Other
WBS102306MA	# 572 ✓ 18 KJ 06 2100007	Tan Non-Fibrous Homogeneous	Crushed	5% Chrysotile < 1% Amosite				95% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas  
Analyst

Approved  
Signatory

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**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, October 25, 1996

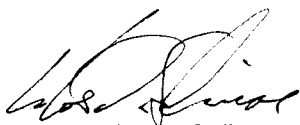
Ref Number: TX962600

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

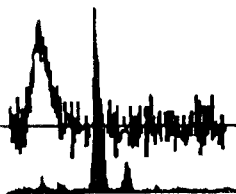
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	NONFIBROUS
WBS102357MA Ø KJ	573 ✓	Brown Non-Fibrous Homogeneous	Crushed		None Detected		100% Other
WBS102358MA Ø KJ	573 ✓	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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TX962600

REGION 6  
First International Bldg., 1201 Elm St.  
Dallas, Texas 75270

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS	
020601		WESTBANK ASBESTOS					
SAMPLERS: (Signature)							
Modaly E. Ball							
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Tag #	City
WBS1023 01 MA	10/23/96	1039-1145	X		#314 (b)(6)	6-002124	Marverro
WBS1023 02 MA		1039-1145	X		#314	6-063331	
WBS1023 03 MA		1039-1145	X		#314	6-063333, 6-063334	
WBS1023 04 MA		1039-1145	X		#314	6-063335, 6-002125	
WBS1023 05 MA GR		1532-1641	X		#572 (b)(6)	6-002116, 6-002938	
WBS1023 06 MA GR			X		#572	6-002117	
WBS1023 07 MA GR	10/23/96		X		#573	6-002119, 6-002118	
WBS1023 08 MA GR	10/23/96		X		#573	6-002120	
Modaly Ball							
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Received by: (Signature)	
Modaly Ball		10/23/96 19:01		[Signature]		10/24/96	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Received by: (Signature)	
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Remarks	
						NOTE: 24 hr. turn-a-round airbill #: 1727359745	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

\* Samples 05 thru 08 should End w/ a "GR"





Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, October 28, 1996


Ref Number: TX962616

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

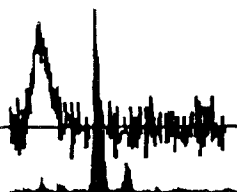
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS102401-GR	10/24 (b) (6)	Brown Non-Fibrous Homogeneous	Teased	6%	Chrysotile	2% Glass	92% Other
WBS102402-GR		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS102403-GR		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS102404-M		Brown Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other

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Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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ENVIRONMENTAL PROTECTION AGENCY  
Office of Enforcement

CHAIN OF CUSTODY RECORD

TX 962616

REGION 6  
First International Bldg., 1201 Elm St.  
Dallas, Texas 75270

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS	
020601		WEST BANK ASBESTOS					
SAMPLERS: (Signature)							
Robert E Haglund							
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Tag#	Volume - Liters
WBA1024 02MA	10/24	0820- 1625	X		(b) (6)	6-002138	9,189.075 L
WBA1024 06MA	10/24	0825- 1625	X		↓	6-002137	11,980.00 L
WBA1024 07MA	10/24	0820- 1624	X		↓	6-002136	12,064.02 L
WBA1024 01MA	10/24	0920- 1700	X		(b) (6)	6-002139	11,758.50 L
WBA1024 03MA	10/24	0925- 1705	X		↓	6-002140	11,707.80 L
WBA1024 04MA	10/24	0920- 1657	X		↓	6-002141	12,115.25 L
WBS1024 01GR	10/24	1415- 1445	X		(b) (6)	6-002142	
WBS1024 02GR	10/24	1415- 1445	X			6-002143	
WBS1024 03GR	10/24	1510- 1525	X			6-002144	
WBS1024 04MA	10/24	1535- 1545	X		(b) (6)	6-002145, 6-002146	

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Madalye Paul	10/24/96 1847				Alex E. 10:25 96 9:00 PM
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
				NOTE: 24 HR TURNAROUND Airbill #: 1727359734 #: 1727359690	

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, October 29, 1996


Ref Number: TX962626

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS1025-01MA	10/25 441-442 ✓	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS1025-02MA	620 ✓	Brown Non-Fibrous Homogeneous	Teased	2% < 1%	Chrysotile Amosite		98% Other
WBS1025-03MA	441-442 ✓	Tan Non-Fibrous Homogeneous	Teased	2% < 1%	Chrysotile Amosite		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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Distribution: White Accompanies Shipment; Pink to Coordinator Field Files;  
Green to Report; Yellow Returns with Warrant

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, October 29, 1996


Ref Number: TX962627

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS1026-01MA	10/26 447	✓ Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Amosite			98% Other
WBS1026-02MA	444	✓ Tan Non-Fibrous Homogeneous	Teased	5% Chrysotile < 1% Amosite			95% Other
WBS1026-03MA	444	✓ Brown Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Amosite			98% Other
WBS1026-04MA	444	✓ Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS1026-05MA	444	✓ Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS1026-06MA	444	✓ Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Amosite			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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6-10181

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, October 30, 1996


Ref Number: TX962647

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	10/28 LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS		
				%	TYPE	%	FIBROUS	% NONFIBROUS
WBS1028-01GR	(b) (6)	✓ Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS1028-02GR		✓ Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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[illegible]



Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, October 31, 1996

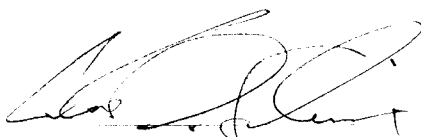
Ref Number: TX962662

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>		
				%	TYPE	%	FIBROUS	NONFIBROUS
WBS-1029-01GR	#572	Tan Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile			100% Other
WBS-1029-02GR	#572	Tan Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile			100% Other
WBS-1029-03GR	#573	Tan Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

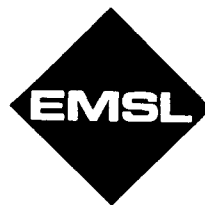
  
Approved  
Signatory

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PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS					
SAMPLERS: (Signature)											
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	PLM	TEM	PCM	Tag #		
WBS1029 01SR	10/29	1645	X		#572	2	✓	✓	6-002149, 6-002150		
WBS1029 02SR	10/29	1650	X		#572	1	✓		6-002152		
WBS1029 03SR	10/29	1700	X		#573	1	✓		6-002151		
WBA1029 03MA	10/29	0816 1635	X		Track #449	1		✓	6-002157 7430 L		
WBA1029 06MA	10/29	0910 1634	X		Track #450	1		✓	6-002156 6566 L		
WBA1029 01MA	10/29	0840 1620	X		Track #449	1		✓	6-002155 7010 L		
WBA1029 02MA	10/29	0816 1633	X		Track #449	1		✓	6-002153 7390 L		
WBA1029 04MA	10/29	1045 1646	X		Track #450	1		✓	6-002185 5288 L		
WBA1029 05MA	10/29	0905 1645	X		Track 450	1		✓	6-002154 6844 L		
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Laurie Howell		10/29 1820								Sylvia Elizondo 10-30-90	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)	
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks			
								24 HOUR Turn a Round			

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

Air Mail # 1954397620



Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, November 01, 1996

Ref Number: TX962680

## POLARIZED LIGHT MICROSCOPY (PLM)

### Project: WESTBANK ASBESTOS

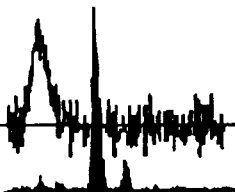
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS1030-01MA <i>ent. 3/7 AST</i>	(b) (6)	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS1030-02MA <i>ent. 3/7 AST</i>	(b) (6)	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
✓ WBS1030-03MA	(b) (6)	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile		100% Other
WBS1030-04MA <i>ent. 3/7 AST</i>	(b) (6)	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile		100% Other
✓ WBS1030-05MA	(b) (6)	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile		100% Other

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Carlos D. Salinas  
Analyst

Approved  
Signatory

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CHAIN OF CUSTODY RECORD TX962680

PROJ. NO. 020601		PROJECT NAME WESTBANK ASBESTOS		NO. OF CONTAINERS		<div>PLM</div> <div>TEM</div> <div>PCM</div> <div>Tag #</div> <div>Volumes (L)</div>										
SAMPLERS: (Signature) Roberta Haglund																
STA. NO.	DATE	TIME	COMP.													GRAB
WBS1030 01MA	10/30		X		(b) (6) #444	1	✓								6-002158	
WBS1030 02MA	10/30		X		#444	1	✓								6-002159	
WBS1030 03MA	10/30	1615	X		#450	2	✓	✓							6-002160, 6-002161	
WBS1030 04MA	10/30	1600	X		#450	1	✓								6-002162	
WBS1030 05MA	10/30	1655	X		#447	2	✓	✓							6-002163, 6-002164	
																2m 10/30/96
WBA1030 03MA	10/30	0834 1149	X		Track 450	1		✓							6-002170	2810
WBA1030 02MA	10/30	0841 1152	X		" 450	1		✓							6-002168	2928
WBA1030 01MA	10/30	0842 1152	X		" 450	1		✓							6-002169	2680
WBA1030 05MA	10/30	1410 1620	X		Track 447	1		✓							6-002167	1979
WBA1030 06MA	10/30	1411 1620	X		Track 447	1		✓							6-002166	2082
WBA1030 04MA	10/30	1410 1620			Track 447	1		✓							6-002165	2038
Relinquished by: (Signature) Roberta Haglund		Date / Time 10/30		Received by: (Signature) Steven DeLeon		10-31-96		Relinquished by: (Signature)		Date / Time		Received by: (Signature)				
Relinquished by: (Signature)		Date / Time		Received by: (Signature)				Relinquished by: (Signature)		Date / Time		Received by: (Signature)				
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks								

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

Westmont, NJ  
609-858-4800

Piscataway, NJ  
908-981-0550

Carle Place, NY  
516-997-7251

Manhattan, NY  
212-290-0052

Seattle, WA  
203-233-9007

Ann Arbor, MI  
313-668-6810

San Mateo, CA  
415-570-5401

Smyrna, GA  
404-333-6066

Greensboro, NC  
910-237-1487

Houston, TX  
713-686-3635

**EMSL**

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, November 04, 1996

Ref Number: TX962699

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

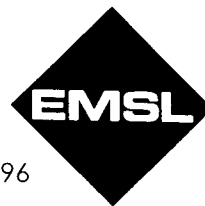
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	NONFIBROUS
WBS 103-1-01- MA	#448	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Amosite			100% Other
WBS 103-1-02- MA	#448	Tan Non-Fibrous Homogeneous	Teased	5% Chrysotile 2% Amosite			93% Other
WBS 103-1-03- MA	#449	Tan Non-Fibrous Homogeneous	Teased	4% Chrysotile < 1% Amosite			96% Other
WBS 103-1-04- MA	#449	Tan Non-Fibrous Homogeneous	Teased	5% Chrysotile 2% Amosite			93% Other
WBS 103-1-05- MA	#449	Tan Non-Fibrous Homogeneous	Teased	4% Chrysotile < 1% Amosite			96% Other
WBS 103-1-06- MA	#449	Tan Non-Fibrous Homogeneous	Teased	4% Chrysotile < 1% Amosite			96% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, November 04, 1996


Ref Number: TX962699

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

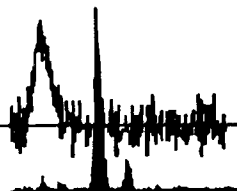
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		%	<u>NONASBESTOS</u>	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS 103-1-07- MA	#441	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile Amosite			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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6-10107

Westmont, NJ  
609-858-4800

Piscataway, NJ  
908-981-0550

Carle Place, NY  
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Manhattan, NY  
212-290-0052

Seattle, WA  
203-233-9007

Ann Arbor, MI  
313-668-6810

San Mateo, CA  
415-570-5401

-Smyrna, GA  
404-333-6066

Greensboro, NC  
910-297-1487

Houston, TX  
713-686-3635

**EMSL**

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, November 05, 1996

Ref Number: TX962740

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS			
				%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS314-01- MA3	#314	Tan Non-Fibrous Homogeneous	Teased	4% Chrysotile < 1% Amosite				96%	Other
WBS314-02- MA3	#314	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Amosite				98%	Other
WBS314-03- MA3	#314	Tan Non-Fibrous Homogeneous	Teased	20% Chrysotile 2% Amosite				78%	Other
WBS314-04- MA3	#314	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Amosite				98%	Other
WBS314-05- MA3	#314	Tan Non-Fibrous Homogeneous	Teased	4% Chrysotile < 1% Amosite				96%	Other
WBS314-06- MA3	#314	Tan Non-Fibrous Homogeneous	Teased	10% Chrysotile < 1% Amosite				90%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.



Carlos D. Salinas  
Analyst



Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.





**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, November 05, 1996

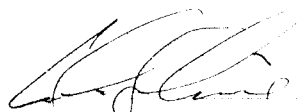
Ref Number: TX962740

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

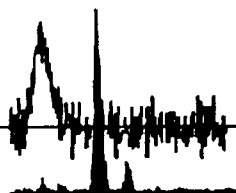
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS314-07-MA3	#314	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Amosite			98% Other
WBS314-08-MA3	#314	Tan Non-Fibrous Homogeneous	Teased	4% Chrysotile < 1% Amosite			96% Other
WBS314-09-MA3	#314	Tan Non-Fibrous Homogeneous	Teased	5% Chrysotile < 1% Amosite			95% Other
WBS314-10-MA3	#314	Tan Fibrous Homogeneous	Teased	25% Chrysotile 5% Amosite			70% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



0-10110



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, November 05, 1996


Ref Number: TX962742

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

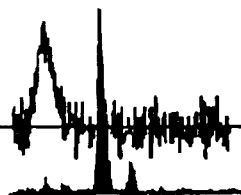
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	NONFIBROUS
WBS569-03-GR3	569-PILE	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Amosite			98% Other
WBS569-02-GR3	569-GRIDS	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Amosite			100% Other
WBS620-02-MA2	620	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Amosite			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



TX962742

REGION 6  
First International Bldg., 1201 Elm St.  
Dallas, Texas 75270

6-10112

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, November 05, 1996


Ref Number: TX962759

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

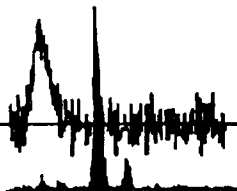
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS 622-01 MA1	TRACK 622	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS 622-02 MA1	TRACK 622	Tan Non-Fibrous Homogeneous	Teased	4%	Chrysotile < 1% Crocidolite		96% Other
WBS 622-03 MA1	TRACK 622	Tan Non-Fibrous Homogeneous	Teased	5%	Chrysotile < 1% Crocidolite		95% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



ENVIRONMENTAL PROTECTION AGENCY  
Office of Enforcement

CHAIN OF CUSTODY RECORD

REGION 6  
First International Bldg., 1201 Elm St.  
Dallas, Texas 75270

TX 962759

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS									
020601		WESTBANK ASBESTOS													
SAMPLERS: (Signature)															
Roberta Haglund / Modaly															
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	PCM	PLM	TEM	Tag#	Rate <sup>4</sup> / <sub>min</sub>	Volume (L)				
WB A1104 01 MA	11/4	0835		X	Track 446	✓				6-002635	15.33	7634			
WB A1104 02 MA	11/4	0835		X	↓	✓				6-002636	15.75	7859			
WB A1104 03 MA	11/4	0838		X	↓	✓				6-002637	14.55	7537			
WB A1104 04 MA	11/4	0945		X	Tracks 297/298	✓				6-002638	15.38	6229			
WB A1104 05 MA	11/4	1633		X	↓	✓				6-002639	15.20	6202			
WB A1104 06 MA	11/4	1636		X	↓	✓				6-002640	15.19	6243			
WB S622 01 MA	11/4	1600	X		Track 622	✓				6-002641					
WB S622 01 MA	11/4	1600	X		↓		✓			6-002642					
WB S622 02 MA	11/4	1535	X		↓		✓			6-002643					
WB S622 03 MA	11/4	1550	X		↓		✓			6-002644					

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Modaly	11/4/96 1800	Dylin G. [Signature]			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
				24 HR TURNAROUND	



Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, November 07, 1996


Ref Number: TX962789

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

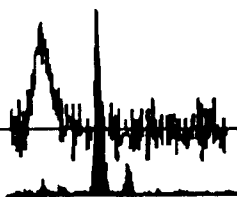
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>		
				%	TYPE	%	FIBROUS	% NONFIBROUS
WBS 49-04- MA2	#449-GRID 4	Tan Non-Fibrous Homogeneous	Teased		None Detected			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

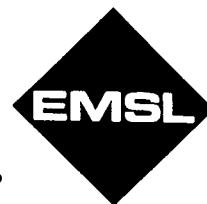
  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



[illegible]





**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, November 08, 1996


Ref Number: TX962809

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

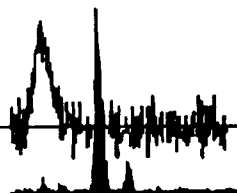
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS    %    NONFIBROUS
BWS 449-01- MA-2	TRACK449-GRID-1	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Amosite			98% Other
BWS 449-02- MA-2	TRACK449-GRID-2	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Amosite			98% Other
BWS 449-03- MA-2	TRACK449-GRID-3	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Amosite			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Dallas, Texas 75270

6-10115



Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, November 11, 1996


Ref Number: TX962832

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

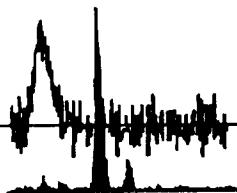
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS294-01- MA1	#294/295	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS297/298 MA1	#297/298	Tan Fibrous Homogeneous	Teased	12% < 1%	Chrysotile Amosite		88% Other
WBS449 02 MA2	#449	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



## CHAIN OF CUSTODY RECORD

REGION 6  
First International Bldg., 1201 Elm St.  
Dallas, Texas 75270

[illegible]



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, November 11, 1996


Ref Number: TX962861

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

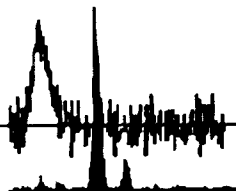
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS44601MA1	TRACK 446 GRID 1	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other
WBS62501MA1	TRACK 625 GRID 1	Brown Non-Fibrous Homogeneous	Crushed	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



## CHAIN OF CUSTODY RECORD

REGION 6  
First International Bldg., 1201 Elm St.  
Dallas, Texas 75270

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS					
020601		WEST BANK ASBESTOS									
SAMPLERS: (Signature)						PLM- PREP TEM PLM					
STA. NO.	DATE	TIME	COMP.	GRID	STATION LOCATION	TAG #					
W83446 01MA1	11-08	1530	X		TRACK 446 Grid 1	3	✓	✓	✓		6-002667, 6-002669, 6-002668
W83625 01MA1	11-08	1520	X		TRACK 625 Grid 1	3	✓	✓	✓		6-002671, 6-002670, 002672
W83569 03MA2	11-08	1000	X		TRACK 569 Grid 3		✓	✓	✓		6-002676, 6-002677,
W83622 01MA2	11-08	1615	X		TRACK 622 Grid 1			✓	✓		6-002678
W83446 02MA1	11-08	1535	X		TRACK 446 Grid 02			✓	✓		6-002673
W83449 02MA2	11-07	1445	X		TRACK 449 GRID 02			✓	✓		6-002681
W83297 298-MA1	11-07	1330	X		TRACK 297-298 GRID 01			✓	✓		6-002680
W83446 03MA1	11-07	1545	X		TRACK 446- GRID 03			✓	✓		6-002674
W83622 02MA2	11-08	1630	X		TRACK 622- GRID 02			✓	✓		6-002679
W83446 04MA1	11-08	1610	X		TRACK 446 GRID-04			✓	✓		6-002675
Relinquished by: (Signature)						Date / Time		Received by: (Signature)		9:30	
Roberta Haglund						11/8 1845		Lefant		11-11-96	
Relinquished by: (Signature)						Date / Time		Received by: (Signature)			
Relinquished by: (Signature)						Date / Time		Received for Laboratory by: (Signature)		Date / Time	
Remarks											

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, November 12, 1996


Ref Number: TX962860

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

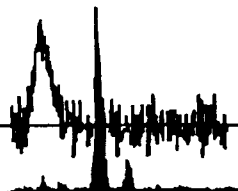
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    NONFIBROUS
WBS 446 01 MA1	TRACK 446 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS 625 01 MA1	TRACK 625 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS 569 03 MA2	TRACK 569 GRID 3	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile Crocidolite		100% Other
WBS 622 01 MA2	TRACK 622 GRID 1	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS 446 02 MA1	TRACK 446 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile Crocidolite		100% Other
WBS 449 02 MA2	TRACK 449 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile Crocidolite		100% Other

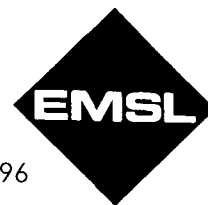
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos B. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.





**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, November 12, 1996


Ref Number: TX962860

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

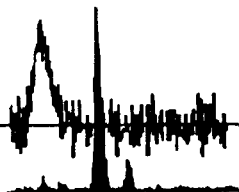
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS    % NONFIBROUS
WBS 297 298 MA1	TRACK 297-298 GRID 1	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS 446 03 MA1	TRACK 446 GRID 3	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS 622 02 MA2	TRACK 622 GRID 2	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS 446 04 MA1	TRACK 446 GRID 4	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.





6-10119



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, November 13, 1996


Ref Number: TX962894

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

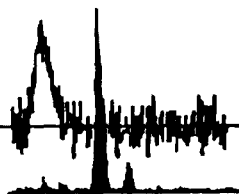
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS296 03 MA1	296	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



REGION 6  
First International Bldg., 1201 Elm St.  
Dallas, Texas 75270

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS	
029601		Westbank Asbestos					
SAMPLERS: (Signature)							
Modaly Paul							
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION		
JB5296 1MA1	11-12-96	1145	✓		#296	2	✓
JB5296 22MA1	11-12-96	1153	✓			1	✓
JB5296 3MA1	11-12-96	1200	✓			2	✓
JB5296 4MA1	11-12-96	1203	✓			1	✓
JB5296 5MA1	11-12-96	1152	✓			1	✓
JB5296 6MA1	11-12-96	1153	✓			1	✓
JB5296 7MA1	11-12-96	1513	✓		#294/295	1	✓
WB5294/295 01MA2							
JB5569 3MA2	11-8-96	1000	✓		#569	1	✓
Relinquished by: (Signature)				Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time
Modaly Paul				11/12/96 1707	9:30 S. J. G. 11-13-96		
Relinquished by: (Signature)				Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time
Relinquished by: (Signature)				Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks
							NOTE: 24 hr. Turn-around airbill #s 2806827435 & 2806827424

Westmont, NJ  
609-858-4800

Piscataway, NJ  
908-981-0550

Carle Place, NY  
516-997-7251

Manhattan, NY  
212-290-0052

Seattle, WA  
203-233-9007

Ann Arbor, MI  
313-688-6810

San Mateo, CA  
415-570-5401

Smyrna, GA  
404-333-6066

Greensboro, NC  
910-297-1487

Houston, TX  
713-686-3635

**EMSL**

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, November 14, 1996


Ref Number: TX962896

## **POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
✓ WBS29601MA1	296	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
✓ WBS29602MA1	296	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile		100% Other
✓ WBS29603MA1	296	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
✓ WBS29604MA1	296	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
✓ WBS29605MA1	296	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
✓ WBS29606MA1	296	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, November 14, 1996


Ref Number: TX962896

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS29429501 MA2	294/295	Tan Non-Fibrous Homogeneous	Teased	None Detected			100% Other
WBS56903MA2	569	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

CHAIN OF CUSTODY RECORD

TX962896

REGION 6  
First International Bldg., 1201 Elm St.  
Dallas, Texas 75270

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS											
029601		Westbank Asbestos															
SAMPLERS: (Signature)		Maddaly Ball, Roger. Naguin															
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION												
WBS296 01MA1	11-12-96	1145	✓		#296	2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	EPA tag #s 6-002683; 6-002684
WBS296 02MA1	11-12-96	1153	✓		↓	1			✓	✓	✓	✓	✓	✓	✓	✓	6-002685
WBS296 03MA1	11-12-96	1200	✓		↓	2	✓		✓	✓	✓	✓	✓	✓	✓	✓	6-002686; 6-002687
WBS296 04MA1	11-12-96	1203	✓		↓	1			✓	✓	✓	✓	✓	✓	✓	✓	6-002688
WBS296 05MA1	11-12-96	1152	✓		↓	1			✓	✓	✓	✓	✓	✓	✓	✓	6-002689
WBS296 06MA1	11-12-96	1153	✓		↓	1			✓	✓	✓	✓	✓	✓	✓	✓	6-002690
WBS296 07MA1	11-12-96	1513	✓		#294/295	1			✓	✓	✓	✓	✓	✓	✓	✓	6-002691
WBS294/295 01MA2																	
WBS569 03MA2	11-18-96	1000	✓		#569	1			✓	✓	✓	✓	✓	✓	✓	✓	6-002692
Relinquished by: (Signature)						Date / Time		Received by: (Signature)				Date / Time		Received by: (Signature)			
Maddaly Ball						11/12/96 1707		[Signature]				11-18-96 9:30					
Relinquished by: (Signature)						Date / Time		Received by: (Signature)				Date / Time		Received by: (Signature)			
Relinquished by: (Signature)						Date / Time		Received for Laboratory by: (Signature)				Date / Time		Remarks			
														NOTE: 24 hr. turn-around airbill #s 2806827435 & 2806827424			

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

6-10121

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, November 14, 1996


Ref Number: TX962917

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020607 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>		
				%	TYPE	%	FIBROUS	NONFIBROUS
WBS29301MA1	293	Brown Fibrous Homogeneous	Teased	20%	Chrysotile			78% Other
				2%	Crocidolite			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

[illegible]





**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, November 15, 1996

Ref Number: TX962914

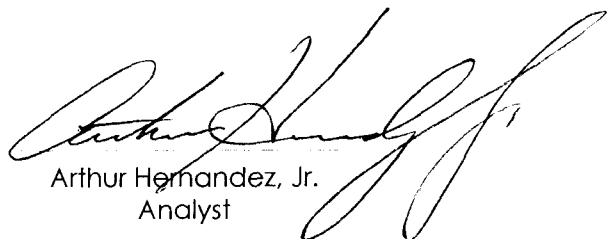
# **POLARIZED LIGHT MICROSCOPY (PLM)**

*See 11/14/97  
report  
Ref. No. TX962917*

Project: 020607 WESTBANK ASBESTOS

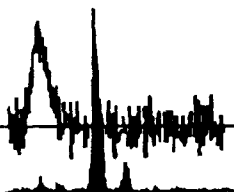
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    NONFIBROUS
WBS29301MA1	293	Brown Fibrous Homogeneous	Teased	10% Chrysotile 2% Crocidolite			88% Other
WBS29302MA1	293	Brown Fibrous Homogeneous	Teased	5% Chrysotile 2% Crocidolite			93% Other
WBS62101MA1	621	Brown Fibrous Homogeneous	Teased	15% Chrysotile 2% Crocidolite			83% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Arthur Hernandez, Jr.  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



TX 962914

[illegible]

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, November 18, 1996


Ref Number: TX962930

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	NONFIBROUS
WBS29301MA1	293 SOIL	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS29302MA1	293 SOIL	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS62502MA1	625	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS62503MA1	625	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

OFFICIAL  
CHAIN OF CUSTODY RECORD

TX 962930

REGION 6  
1445 Ross Avenue, Suite 1200  
Dallas, Texas 75202-2733

PROJ. NO. 020601		PROJECT NAME Westbank Asbestos				NO. OF CON- TAINERS	PLM PCM										REMARKS <i>Volume</i>
SAMPLERS: (Signature) <i>[Signature]</i>																	
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION												
1	WBS293 01 MAI	11-14-96	1550	✓		#293 Soil	1	✓								EPA tag # 6-03469	
2	WBS293 02 MAI	11-14-96	1551	✓		↓	1	✓								EPA tag # 6-03468 ↓	
-	NBA293 01 MAI		0550		✓	#293 Air Day 2		✓								EPA tag # 6-063470 15.144/min 4012L	
-	NBA293 02 MAI		1315		✓	↓		✓								EPA tag # 6-063471 15.524/min 4097L	
-	NBA293 03 MAI		0855		✓	↓		✓								EPA tag # 6-063472 15.204/min 3876L	
-	NBA293 01 MAI		1315		✓	#291 Air Day 1		✓								EPA tag # 6-063473 15.544/min 2175L	
-	NBA293 02 MAI		0700		✓	↓		✓								EPA tag # 6-063474 15.484/min 2167L	
-	NBA293 03 MAI		1340		✓	↓		✓								EPA tag # 6-063475 15.374/min 2136L	
-	NBA068 01 WEZ		1600		✓	#68 Air Day 2 (815-0945)		✓								EPA tag # 6-063476 14.984/min 1348L	
-	NBA068 02 WEZ		0815		✓			✓								EPA tag # 6-063477 15.184/min 7514L	
-	NBA068 03 WEZ		0945		✓			✓									
-	NBA068 01 WEZ		0815		✓			✓								EPA tag # 6-063478 15.414/min 1988L	
-	NBA068 02 WEZ		1630		✓			✓								EPA tag # 6-063479 15.474/min 1856L	
-	NBA068 03 WEZ		1421		✓			✓									
-	NBA068 01 WEZ		1630		✓			✓									
-	NBA068 02 WEZ		1430		✓			✓									
-	NBA068 03 WEZ		1630		✓			✓									

Relinquished by: (Signature) <i>[Signature]</i>	Date / Time 11/14/96	Received by: (Signature) <i>[Signature]</i>	Date / Time 11-15-96	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks 1 of 2 NOTE: 24 hr. turn-a-round airbill # 2806827402		
Shipped by:		Airbill Number:				

۴۷۷۷۷۷۷۷

Westmont, NJ  
609-858-4800

Piscataway, NJ  
908-981-0550

Carle Place, NY  
516-897-7251

Manhattan, NY  
212-290-0052

Seattle, WA  
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Ann Arbor, MI  
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San Mateo, CA  
415-570-5401

Smyrna, GA  
404-333-6066

Greensboro, NC  
910-297-1487

Houston, TX  
713-686-3635

**EMSL**

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, November 18, 1996

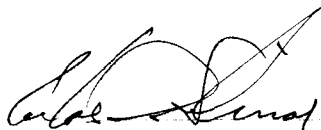
Ref Number: TX962947

## **POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS068		Grey Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite	2%	Cellulose 96% Other
WBS067		Grey Fibrous Homogeneous	Teased	35%	Chrysotile 5% Crocidolite		60% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.



Carlos D. Salinas  
Analyst



Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

6- 3101

## OFFICIAL CHAIN OF CUSTODY RECORD

[illegible]

Distribution: White Accompanies Shipment; Pink to Coordinator Field Files;  
Green to Report; Yellow Returns with Warrant



Westmont, NJ  
609-858-4800

Piscataway, NJ  
908-981-0550

Carle Place, NY  
516-997-7251

Manhattan, NY  
212-290-0052

Seattle, WA  
203-233-9007

Ann Arbor, MI  
313-668-6810

San Mateo, CA  
415-570-5401

Smyrna, GA  
404-333-6066

Greensboro, NC  
910-297-1487

Houston, TX  
713-686-3635

**EMSL**

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, November 19, 1996


Ref Number: TX962948

## **POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS068	68	Tan Fibrous Homogeneous	Teased	20% Chrysotile 1% Crocidolite			79% Other
WBS06801WE1	68	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS06802WE1	68	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS06803WE1	68	Tan Non-Fibrous Homogeneous	Teased	None Detected			100% Other
WBS06804WE1	68	Tan Non-Fibrous Homogeneous	Teased	None Detected			100% Other
WBS06805WE1	68	Tan Non-Fibrous Homogeneous	Teased	None Detected			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, November 19, 1996


Ref Number: TX962948

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

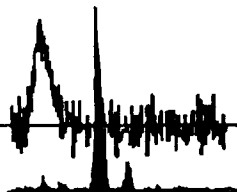
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	NONFIBROUS
WBS067	67	Tan Fibrous Homogeneous	Teased	35% Chrysotile 8% Crocidolite			57% Other
WBS06701WE1	67	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS06702WE1	67	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS06703WE1	67	Tan Non-Fibrous Homogeneous	Teased	None Detected			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



OFFICIAL  
CHAIN OF CUSTODY RECORD

TX 962948

PROJ. NO.		PROJECT NAME					NO. OF CON- TAINERS	REMARKS									
SAMPLERS: (Signature)																	
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION												
1	NBS068	11-59	1123	✓		#68	✓	✓								EPA tag	6-063482
2	NBS068 01WE1		1220	✓			✓										6-063483
3	NBS068 02WE1		1200	✓			✓										6-063484
4	NBS068 03WE1		1145	✓			✓										6-063485
5	NBS068 04WE1		1138	✓			✓										6-063486
6	NBS068 05WE1		1245	✓			✓										6-063487
7	NBS067		1030	✓		#67	✓	✓									6-063488
8	NBS067 01WE1		1040	✓			✓										6-063489
9	NBS067 02WE1		1055	✓			✓										6-063490
10	NBS067 03WE1		1040	✓			✓										6-063491
	NBA068 02WE3		0847 1210	✓		#68			✓								6-063492 Volume-3496L
	NBA068 02WE3		0847 1210	✓					✓								6-063493 3384L
	NBA068 03WE3		0850 1210	✓					✓								6-063494 3493L
	NBA291 01MA2		8:10 1606	✓		291			✓								6-063495 6998L
	NBA291 02MA2		8:10 1355	✓		291			✓								6-063497 5337L
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time		Relinquished by: (Signature)		Date / Time		Received by: (Signature)					
Moddy Ball		11/10/96 500		Dylen Eligio		11-18-96 9:30											
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time		Relinquished by: (Signature)		Date / Time		Received by: (Signature)					
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks									
								NOTE: 24 hr. turn-around pg. 1 of 2									
Shipped by:				Airbill Number:													

Distribution: White Accompanies Shipment; Pink to Coordinator Field Files;  
Green to Report; Yellow Returns with Warrant

[illegible]

Westmont, NJ  
609-858-4800

Piscataway, NJ  
908-981-0550

Carle Place, NY  
516-997-7251

Manhattan, NY  
212-290-0052

Seattle, WA  
203-233-9007

Ann Arbor, MI  
313-668-6810

San Mateo, CA  
415-570-5401

Smyrna, GA  
404-333-6066

Greensboro, NC  
910-297-1487

Houston, TX  
713-686-3635

**EMSL**

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, November 20, 1996


Ref Number: TX962980

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS06704WE7	67	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS06705WE7	67	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS06706WE7	67	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS20201MA1	202	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS20202MA1	202	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile		100% Other
WBS20401MA1	204	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

OFFICIAL  
CHAIN OF CUSTODY RECORD

REGION 6  
1445 Ross Avenue, Suite 1200  
Dallas, Texas 75202-2733

TX962980

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS										
020601		Westbank Asbestos														
SAMPLERS: (Signature) Maddy E. Paul																
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	EDAAg#										
WBA202 01 MA1	11-16-96	0844-1445		✓	#202	✓										6-002660 Volume = 5453 L
WBA202 02 MA1	↓	↓		✓	↓	✓										6-002661 V = 5404 L
WBA202 03 MA1	↓	0844-1449		✓	↓	✓										6-002662 V = 5404 L
WBA201 01 MA1	11/18/96	0831-1519		✓	#201	✓										6-002693 V = 6028 L
WBA202 02 MA1	↓	0841-1518		✓	↓	✓										6-002665 V = 5864 L
WBA201 03 MA1	↓	0835-1521		✓	↓	✓										6-002664 V = 6090 L
WBA201 01 MA1	11/18/96	0900-1500		✓	Blank	✓										6-002663 V = 5641 L
WBA202 01 MA2	↓	0849-1457		✓	#202	✓										6-002654 V = 5641 L
WBA202 02 MA2	↓	0852-1458		✓	↓	✓										6-002666 V = 5501 L
WBA202 03 MA2	↓	0850-1458		✓	↓	✓										6-002183 V = 5586 L
WBS06 04 WET	11/18/96	1551-1613	X		#67	✓										6-063402
WBS06 05 WET	↓	↓	X		↓	✓										6-063401
WBS06 06 WET	↓	↓	X		↓	✓										6-063403
WBS202 01 MA1	11/18/96	1400-1442	X		#202	✓										6-002694
WBS202 02 MA1	↓	↓	X		↓	✓										6-063404
Relinquished by: (Signature) Maddy Paul		Date / Time 11/18/96 1855		Received by: (Signature) Sylvia Elizondo		Date / Time 11-19-96 9:20		Relinquished by: (Signature)				Date / Time		Received by: (Signature)		
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time		Relinquished by: (Signature)				Date / Time		Received by: (Signature)		
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks Note: 24 hr turn-around airbill #: 2806827376 Pg. 1 of 2								
Shipped by:				Airbill Number:												



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, November 21, 1996


Ref Number: TX962994

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS    %    NONFIBROUS
WBS291	291	Grey Fibrous Homogeneous	Teased	20%	Chrysotile 2% Crocidolite		78% Other
WBS062	062	Grey Fibrous Homogeneous	Teased	30%	Chrysotile 2% Crocidolite		68% Other
WBS203	203	Grey Fibrous Homogeneous	Teased	10%	Chrysotile 1% Crocidolite		89% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



# DUPLICATE RUNS

	COC#	Date Recd
WBS067	6-3101	11/19/96
WBS068	6-3101	11/19/96

2 sets same day	WBS 291	6-10122	<del>11/19/96</del>
	WBS062	↓	11/21/96
	WBS063	↓	↓

PLM w/ & w/o prep



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, November 21, 1996


Ref Number: TX962995

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020607 WESTBANK ASBESTOS (WITHOUT PREP)**

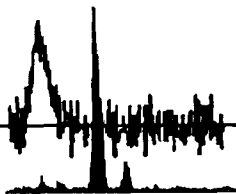
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS		
				%	TYPE	%	FIBROUS	% NONFIBROUS
WBS291	291	Tan Fibrous Homogeneous	Teased	32%	Chrysotile 2% Crocidolite			66% Other
WBS062	062	Tan Fibrous Homogeneous	Teased	39%	Chrysotile 2% Crocidolite			59% Other
WBS203	203	Tan Fibrous Homogeneous	Teased	8%	Chrysotile 1% Crocidolite			91% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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6-10122



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, November 22, 1996

Ref Number: TX963013

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

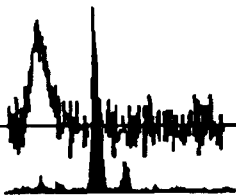
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	NONFIBROUS
WBS06201WE1	062	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS06202WE1	062	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS06203WE1	062	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WES29101MA1	291	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WES29102MA1	291	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WES29103MA1	291	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas  
Analyst

Approved  
Signatory

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**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, November 22, 1996


Ref Number: TX963013

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

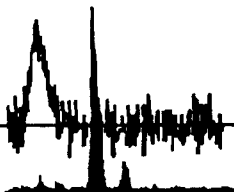
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS NONFIBROUS
WES29104MA1	291	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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TX 963013

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS										
020607		Westbank Asbestos														
SAMPLERS: (Signature) Madelly e. Ball																
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Tag #										
WBS062	11/20/96	1135	X		# 062	1	X									6-063425
01 WET		1200	X			1	X									6-063416
WBS062			X			1	X									6-063417
02 WET			X			1	X									6-063420
WBS062			X			1	X									6-063422
03 WET			X			1	X									6-063421
WBS29	11/20/96	1330	X		# 291	1	X									6-063419
01 MAT		1424	X			1	X									
WBS29			X			1	X									
02 MAT			X			1	X									
WBS29			X			1	X									
03 MAT			X			1	X									
WBS29			X			1	X									
04 MAT			X			1	X									

Relinquished by: (Signature) Madelly e. Ball	Date / Time 11/20/96 1712	Received by: (Signature) A. J. [Signature]	Date / Time 11-21-96 9:00 AM	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks Note: 24hr turn-around airbill #: 2806826503		

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, November 26, 1996


Ref Number: TX963055

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

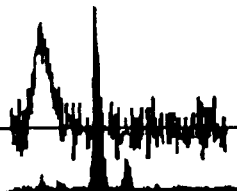
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS83901GR1	839	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS83902GR1	839	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Crocidolite		100% Other
WBS83903GR1	839	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS839PILE	839	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.







**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, November 26, 1996


Ref Number: TX963056

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS20101MA1	201	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile				100% Other
WBS20201MA1 <i>WBS 201 02 MA1</i>	201	Tan Non-Fibrous Homogeneous	Teased	None Detected				100% Other
WBS07101WE1	071	Tan Non-Fibrous Homogeneous	Teased	None Detected				100% Other
WBS07102WE1	071	Tan Non-Fibrous Homogeneous	Teased	None Detected				100% Other
WB20301MA1	203	Tan Non-Fibrous Homogeneous	Teased	None Detected				100% Other
WB20302MA1	203	Tan Non-Fibrous Homogeneous	Teased	None Detected				100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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CHAIN OF CUSTODY RECORD

TX 963056

REGION 6  
First International Bldg., 1201 Elm St.  
Dallas, Texas 75270

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS										
020601		WEST BANK ASBESTOS														
SAMPLERS: (Signature)						<div style="text-align: center;"> <p>PC-M PL-M</p> <p>Tag# volume</p> </div>										
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION											
WBA 2900	11/22/96	1505		✓	290	1	X								6-002260	1523L
2A MAZ		1647		✓		1	X								6-002262	7569L
WBA 2900		0819		✓		1	X								6-002261	1484L
3MAZ		1635		✓		1	X								6-002265	5808L
WBA 2900		1502		✓		1	X									
1A MAZ		1640		✓		1	X									
WBA 2900		0835		✓		1	X									
2MAZ		1504		✓		1	X									
WBA 071		0820		✓	BLANK	1	X								6-002264	11/22/96
02MAZ		1700		✓		1	X									
WBA 2900		0821		✓	290	1	X								6-002263	6056L
1MAZ		1501		✓		1	X									
WBS 201		0945	X		#201	1	X								6-001501	
01MA1		1030	X		↓	1	X								6-001502	
WBS 201		0945	X			1	X								6-001503	
02MA1		1030	X			1	X								6-001504	
WBS 071		1540	X		#071	1	X								6-001505	
01WE1		1632	X		↓	1	X								6-001506	
WBS 071		1540	X			1	X									
02WE1		1632	X			1	X									
WBS 203		1415	X		#203	1	X									
01MA1		1435	X		↓	1	X									
WBS 203		1415	X			1	X									
02MA1		1435	X			1	X									
WBA FB	11/22/96	0820		X	BLANK	1	X								6-002266	
01MA1		1640		X												

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	11.25/96	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
		Daphne Elizondo	9:30			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)		Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)		Date / Time	Remarks	
					Note: 2d hr turn-around airbill #:	

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, November 27, 1996


Ref Number: TX963078

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

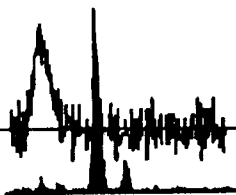
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS    %    NONFIBROUS
WBS28801MA1	288	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS28802MA1	288	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS29001MA1	290	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS29002MA1	290	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS29003MA1	290	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS29004MA1	290	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, November 27, 1996

Ref Number: TX963078

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS29005MA1	290	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

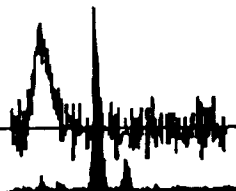


Carlos D. Salinas  
Analyst



Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME					NO. OF CON- TAINERS	REMARKS									
020601		Westbank Asbestos															
SAMPLERS: (Signature) Barbara Strey																	
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION												
WBS288 01MAI	11/25/96	1515	✓		#288		1	✓									EPA tag #6-002802
WBS288 02MAI		1630	✓		↓		1	✓									6-002803
WBS290 01MAI		1545	✓		#290		1	✓									6-002804
WBS290 02MAI		1550	✓		↓		1	✓									6-002805
WBS290 03MAI		1556	✓		↓		1	✓									6-002806
WBS290 04MAI		1600	✓		↓		1	✓									6-002807
WBS290 05MAI		1606	✓		↓		1	✓									6-002808
WBA288 11/2		1526	✓		288		1	✓									
WBA288 11/2		1527	✓		↓		1	✓									
WBA288 11/2		1527	✓		↓		1	✓									
WBAFB		1610	✓		Field Blank		1	✓									

Relinquished by: (Signature) Gregory Strey	Date / Time 11/25/96 1744	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks 24 Hr. Turnaround Air bill #2806827214	

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, December 04, 199

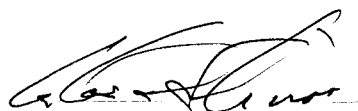
Ref Number: TX963115

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: WESTBANK ASBESTOS PROJECT #020601

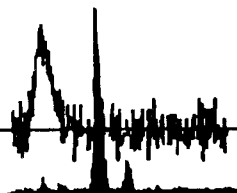
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS291G05	291	Tan Non-Fibrous Homogeneous	Teased	5%	Chrysotile		95% Other
				< 1%	Crocidolite		

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



[illegible]





**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, December 06, 1996


Ref Number: TX963126

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

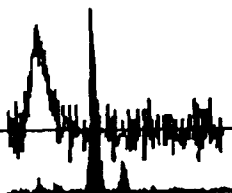
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    NONFIBROUS
WBS287G01	287	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS287G02	287	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS839G04	839	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS839G05	839	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS839G06	839	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile		100% Other
WBS839G07	839	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, December 06, 1996


Ref Number: TX963126

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

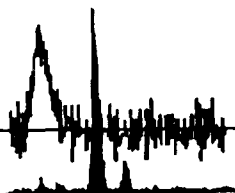
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS    %    NONFIBROUS
WBS839GO8	839	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS839GO9	839	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS839G10	839	Tan Non-Fibrous Homogeneous	Teased	None Detected			100% Other
WBS839G11	839	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS839G12	839	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS839G13	839	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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Westmont, NJ  
609-858-4800

Piscataway, NJ  
908-981-0550

Carle Place, NY  
516-997-7251

Manhattan, NY  
212-290-0052

Seattle, WA  
203-233-9007

Ann Arbor, MI  
313-668-6810

San Mateo, CA  
415-570-5401

Smyrna, GA  
404-333-6066

Greensboro, NC  
910-297-1487

Houston, TX  
713-686-3635



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, December 06, 1996

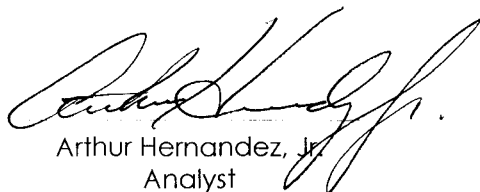
Ref Number: TX963126

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

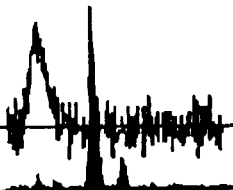
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS839G14	839	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS839G15	839	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS839G16	839	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS839G17	839	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS839G18	839	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS839G19	839	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Arthur Hernandez, Jr.  
Analyst

  
Approved  
Signatory

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**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, December 06, 1996

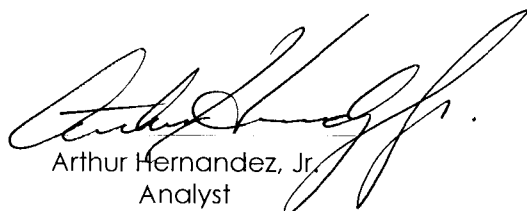
Ref Number: TX963126

# **POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

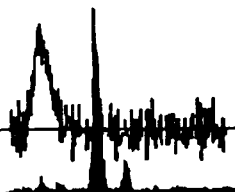
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>		
				%	TYPE	%	FIBROUS	% NONFIBROUS
WBS075GO1	75	Tan Non-Fibrous Homogeneous	Teased		None Detected			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Arthur Hernandez, Jr.  
Analyst

  
Approved  
Signatory

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## CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME				NO. OF CON- TAINERS		REMARKS					
SAMPLERS: (Signature)													
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION								
B5287	12-3-96	1055	✓		287	1	✓					EPA tag #	
B5287			✓			1	✓					6-002128	
B5287			✓			1	✓					6-002132	
B5287	12-3-96	1400-1500	✓		839	1	✓					6-001404	
B5287			✓			1	✓					6-001405	
B5287			✓			1	✓					6-001406	
B5287			✓			1	✓					6-001407	
B5287			✓			1	✓					6-001408	
B5287			✓			1	✓					6-001409	
B5287			✓			1	✓					6-001410	
B5287			✓			1	✓					6-001411	
B5287			✓			1	✓					6-001412	
B5287			✓			1	✓					6-001413	
B5287			✓			1	✓					6-001414	
B5287			✓			1	✓					6-001415	
B5287			✓			1	✓					6-001416	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)			
Barbara Stoney		12-3-96 1800											
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)			
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks					
								page 1 of 2		Two			

**Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files**

marks page 1 of 2 (Two  
24 hr. turnaround Fed Ex  
boxes)

AND #28063273487

**Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files**



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, December 06, 1996

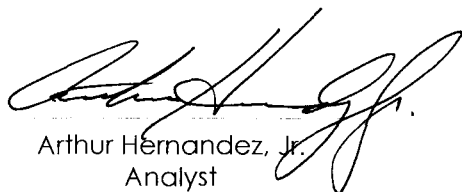
Ref Number: TX963136

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

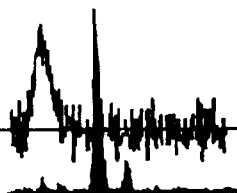
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    % NONFIBROUS
WBS287-G-03	287	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS287-G-04	287 24"	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS287-G-05	287 24"	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS069-G-01	69 6"	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS069-G-02	69 6"	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS069-G-03	69 SERVITUDE 12"	Tan Non-Fibrous Homogeneous	Teased	3%	Chrysotile		97% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Arthur Hernandez, Jr.  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



CHAIN OF CUSTODY RECORD

TX 963136

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		PC M PL M		Flow (L/minutes)		REMARKS	
SAMPLERS: (Signature)											
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION					Volume	
WBA074	12-4-96	0822-1632		✓	#74	1	✓		15.07	EPA tag # 6-001579	7384L
WBA074		0825-1628		✓		1	✓		15.05	6-001580	7269L
WBA074		0825-1420		✓		1	✓		14.91	6-001581	5293L
NBS287	12-4-96	1325	✓		#287	1	✓			EPA tag # 6-001582	
NBS287		1325	✓		24"	1	✓			6-001583	
NBS287		1335	✓		24"	1	✓			6-001584	
WBA074	12-4-96	1420-1629		✓	#74	1	✓		14.91	EPA tag # 6-001588	1923L
WBA074				✓	Field Blank	1	✓			EPA tag # 6-001589	
NBS287		1455	✓		#69 6"	1	✓			6-001577	
NBS287		1455	✓		#69 6"	1	✓			6-001585	
NBS287	12-4-96	1635	✓		#69 servitude 12"	1	✓			EPA tag # 6-001590	

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Barbara Storey	12-4-96 1800	Angela Chiswick	12-5-96 10:30			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks 24 HR TURNAROUND		





**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, December 09, 1996

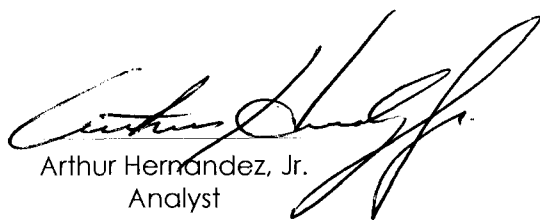
Ref Number: TX963154

# **POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

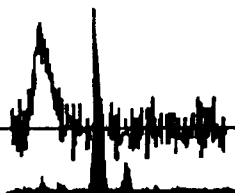
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS		
				%	TYPE	%	FIBROUS	% NONFIBROUS
WBS289 G-01	289 6" CONCRETE	Tan Fibrous Homogeneous	Teased		None Detected			100% Other
WBS289 G-02	289 4"-6" SOD	Tan Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Crocidolite			100% Other
WBS289 G-03	289 6" SOD	Tan Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Arthur Hernandez, Jr.  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



**ENVIRONMENTAL PROTECTION AGENCY**  
**Office of Enforcement**

TX 963154

**REGION 6**  
First International Bldg., 1201 E  
Dallas, Texas 75270

## CHAIN OF CUSTODY RECORD

[illegible]

**Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files**

C-10108



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, December 10, 1996

Ref Number: TX963173

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

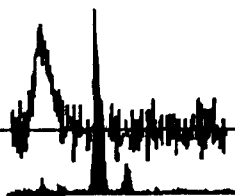
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS073G01	73 6" Concrete 12" Servitude	Tan Fibrous Homogeneous	Teased		None Detected		100% Other
WBBS	Sand / Backfill	Tan Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBBL	Limestone / Backfill	Tan Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS074G01	74 12" Servitude	Tan Fibrous Homogeneous	Teased		None Detected		100% Other
WBS074G02	74 6" Servitude	Tan Fibrous Homogeneous	Teased	< 1% < 1%	Chrysotile Crocidolite		100% Other
WBS074G03	74 6" Concrete	Tan Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



[illegible]



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, December 11, 1996


Ref Number: TX963191

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: WESTBANK ASBESTOS**

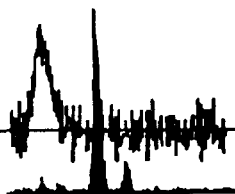
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    NONFIBROUS
WBS292GO1	292 WALKWAY SERVITUDE	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS292GO2	292 DRIVEWAY	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS060GO1	060 6" CONCRETE	Tan Non-Fibrous Homogeneous	Teased	5% Chrysotile < 1% Crocidolite			95% Other
WBS286GO1	286 24" SOIL	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS286GO2	286 24" SOIL	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS286GO3	286 24" SOIL	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "Number of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.





**Ecology & Environment, Inc.**  
 11550 Newcastle Ave. #250  
 Baton Rouge, LA 70816

Wednesday, December 11, 1996


Ref Number: TX963191

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: WESTBANK ASBESTOS**

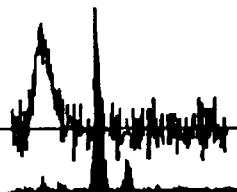
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS		
				%	TYPE	%	FIBROUS	% NONFIBROUS
WBS286GO4	286 24" SOIL	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS286GO5	286 24" SOIL	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
 Carlos D. Salinas  
 Analyst

  
 Approved  
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



PROJ. NO.		PROJECT NAME										
02401		Westbank Asbestos										
SAMPLERS: (Signature)				NO. OF CONTAINERS								
Alon F. Riller / Maggiorini				PLM								
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	REMARKS						
NBS918 G01	12/9/96	0815	✓	✓	918 (walkway)	1	✓					Tag #
NBS292 G01	12/9/96	1125	✓		292 walkway/perimeter	1	✓					EPA # 6-001448 AFR 12/9/96
NBS292 G02	12/9/96	1125	✓		292 driveway	1	✓					# 6-001401
NBS060 G01	12/9/96	1325	✓		060 6" concrete	1	✓					# 6-001594
NBS286 G01	12/9/96	1410	✓		286 24" soil	1	✓					# 6-001447 AFR 12/9
NBS286 G02	12/9/96		✓		286 24" soil	1	✓					# 6-001442
NBS286 G03	12/9/96		✓		286 24" soil	1	✓					# 6-001423
NBS286 G04	12/9/96		✓		286 24" soil	1	✓					# 6-001424
NBS286 G05	12/9/96	1530	✓		286 24" soil	1	✓					# 6-001425
												# 6-001426
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		
Alon Riller		12/9/96 1725										
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		
				Steven Dubon								
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks				
				Steven Dubon		12-10-96 10:15am		24 Hour Turnaround				
Shipped by:				Airbill Number:				Airbill # 280682724				
Distribution: White Accompanies Shipment; Pink to Coordinator Field Files; Green to Report; Yellow Returns with Warrant												

6- 226A



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, December 13, 1996

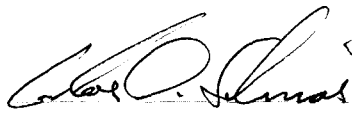
Ref Number: TX963221

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

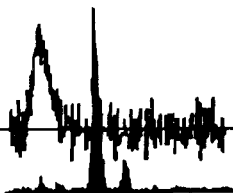
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    %    NONFIBROUS
WBS44401MA1	444 (GRID 1)	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS29301MA1	293	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS29302MA1	293	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS29303MA1	293	Tan Non-Fibrous Homogeneous	Teased	5%	Chrysotile < 1% Crocidolite		95% Other
WBS29304MA1	293	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS29305MA1	293	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

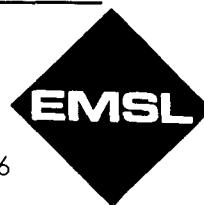
  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.







**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, December 13, 1996

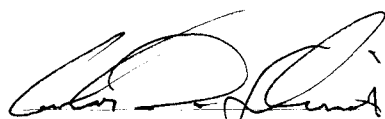
Ref Number: TX963221

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>		
				%	TYPE	%	FIBROUS	% NONFIBROUS
WBS29306MA1	293	Tan Non-Fibrous Homogeneous	Teased	4%	Chrysotile			96% Other
				< 1%	Crocidolite			

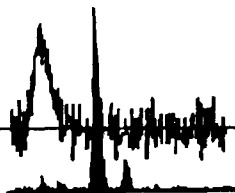
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.



Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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## CHAIN OF CUSTODY RECORD

TX963221

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS	
020601		Mothbark Asbestos		7 LAM			
SAMPLERS: (Signature)							
Modaly ball / Alon Y. Riller							
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION		
WBS444	12/10/96	11:35	X		444 (Grid 1)	1	X
WBS293		15:10	X		293	1	X
01 MAT		14:30	X			1	X
WBS293		14:30	X			1	X
02 MAT		15:00	X			1	X
WBS293		15:10	X			1	X
03 MAT		15:30	X			1	X
WBS293							
04 MAT							
WBS293							
05 MAT							
WBS293							
06 MAT							
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)	
Modaly ball		12/10/96 1724					
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)	
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time	
						Remarks	
						12-12-96 11:30 AM	
						airbell #: 2806827192	
						24 hr turn-a-round	

Distribution: Original Accompanes Shipment; Copy to Coordinator Field Files

6-10190



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, December 13, 1996


Ref Number: TX963223

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    NONFIBROUS
WBS27501MA1	275	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS27502MA1	275	Tan Fibrous Homogeneous	Teased	10% Chrysotile 2% Crocidolite			88% Other
WBS27503MA1	275	Tan Non-Fibrous Homogeneous	Teased	4% Chrysotile < 1% Crocidolite			96% Other
WBS27504MA1	275	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS44402MA1	444	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile			98% Other
WBS44403MA1	444	Tan Non-Fibrous Homogeneous	Teased	3% Chrysotile < 1% Crocidolite			97% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, December 13, 1996


Ref Number: TX963223

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>		
				%	TYPE	%	FIBROUS	% NONFIBROUS
WBS26901MA1	269	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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6- 2263

Westmont, NJ  
609-958-4800

Piscataway, NJ  
908-981-0550

Carle Place, NY  
516-997-7251

Manhattan, NY  
212-290-0052

Seattle, WA  
206-233-9007

Ann Arbor, MI  
313-668-6810

San Mateo, CA  
415-570-5401

Smyrna, GA  
404-333-6066

Greensboro, NC  
910-297-1487

Houston, TX  
713-686-3635

**EMSL**

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, December 16, 1996

Ref Number: TX963239

### POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBBS2		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBL2		Tan Non-Fibrous Homogeneous	Teased	None Detected			100% Other
WBS19601MA1	196	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS19602MA1	196	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS19603MA1	196	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS27101MA1	271	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, December 16, 1996


Ref Number: TX963239

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

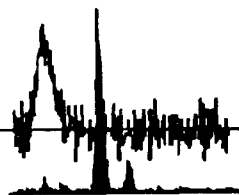
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    % NONFIBROUS
WBS27102MA1	271	Tan Non-Fibrous Homogeneous	Teased	4% Chrysotile < 1% Crocidolite			96% Other
WBS27103MA1	271	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS27104MA1	271	Tan Fibrous Homogeneous	Teased	35% Chrysotile			65% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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6-10192



Westmont, NJ  
609-858-4800

Piscataway, NJ  
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Carle Place, NY  
516-997-7251

Manhattan, NY  
212-290-0052

Seattle, WA  
203-233-9007

Ann Arbor, MI  
313-668-6810

San Mateo, CA  
415-570-5401

Smyrna, GA  
404-333-6066

Greensboro, NC  
910-297-1487

Houston, TX  
713-686-3635

**EMSL**

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816


Tuesday, December 17, 1996

Ref Number: TX963264

**POLARIZED LIGHT MICROSCOPY (PLM)**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS27105MA1	271	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS27106MA1	271	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile		100% Other
WBS27107MA1	271	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile < 1% Crocidolite		100% Other
WBS27108MA1	271	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile < 1% Crocidolite		100% Other
WBS27109MA1	271	Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile < 1% Crocidolite		100% Other
WBS60901GR1	609	Tan Non-Fibrous Homogeneous	Teased		2% Chrysotile < 1% Crocidolite		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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Westmont, NJ  
609-858-4800

Piscataway, NJ  
908-981-0550

Carle Place, NY  
516-997-7251

Manhattan, NY  
212-290-0052

Seattle, WA  
203-233-9007

Ann Arbor, MI  
313-668-6810

San Mateo, CA  
415-570-5401

Smyrna, GA  
404-333-6066

Greensboro, NC  
910-297-1487

Houston, TX  
713-686-3635

**EMSL**

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, December 17, 1996

Ref Number: TX963264

### **POLARIZED LIGHT MICROSCOPY (PLM)**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS60902GR1	609	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS31701MA1	317	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS31702MA1	317	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS31703MA1	317	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS30201MA1	302	Tan Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS30202MA1	302	Tan Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.



Carlos D. Salinas  
Analyst



Approved  
Signatory

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**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816


Tuesday, December 17, 1996

Ref Number: TX963264

**POLARIZED LIGHT MICROSCOPY (PLM)**

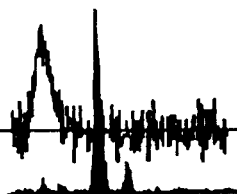
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    % NONFIBROUS
WBS30203MA1	302	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS30204MA1	302	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS93401MA1	934	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS										
020601		Westbank Asbestos														
SAMPLERS: (Signature)																
Modaly Paul / Magnittin																
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	Tag #										
WBS271 05 MAT	12/13/96	0955	X		# 271	1	X									6-001556
WBS271 06 MAT		0955	X		↓	1	X									6-001449
WBS271 07 MAT		1015	X		↓	1	X									6-001450
WBS271 08 MAT		1025	X		↓	1	X									6-001451
WBS271 09 MAT		1035	X		↓	1	X									6-001452
WBS609 01 MAT	12/13/96	12:40	X		# 609	1	X									6-001453
WBS609 02 MAT		12:50	X		↓	1	X									6-001454
WBS317 01 MAT	12/13/96	1500	X		# 317	1	X									6-001459
WBS317 02 MAT		1500	X		↓	1	X									6-001460
WBS317 03 MAT		1515	X		↓	1	X									<del>6-001461</del> 49 12/13/96
WBS302 01 MAT	12/13/96	1530	X		# 302	1	X									6-001455
WBS302 02 MAT		1530	X		↓	1	X									6-001456
WBS302 03 MAT		1600	X		↓	1	X									6-001457
WBS302 04 MAT		1600	X		↓	1	X									6-001458
WBS934 01 MAT	12/13/96	1650	X		# 934	1	X									6-001443
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)						
Modaly Paul		12/13/96 1739														
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)						
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks								
						12-16-96 9:30 AM		NOTE: 24 hrs turn-around airbill # 280 6827181								



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, December 19, 1996


Ref Number: TX963288

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

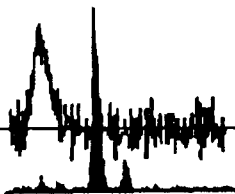
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    % NONFIBROUS
WBS317GO3	317	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS916GO1	916	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS330GO1	330	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS330GO2	330	Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



[illegible]

Westmont, NJ  
609-858-4800

Piscataway, NJ  
908-981-0550

Carle Place, NY  
516-997-7251

Manhattan, NY  
212-290-0052

Seattle, WA  
203-233-9007

Ann Arbor, MI  
313-668-6810

San Mateo, CA  
415-570-5401

Smyrna, GA  
404-333-6066

Greensboro, NC  
910-297-1487

Houston, TX  
713-686-3635



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, December 20, 1996

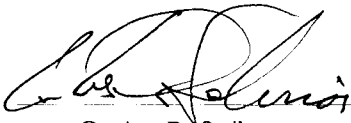
Ref Number: TX963314

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS947G01	947	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS476G01	476	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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TX 963314

[illegible]